

EUROPEAN PATENT APPLICATION

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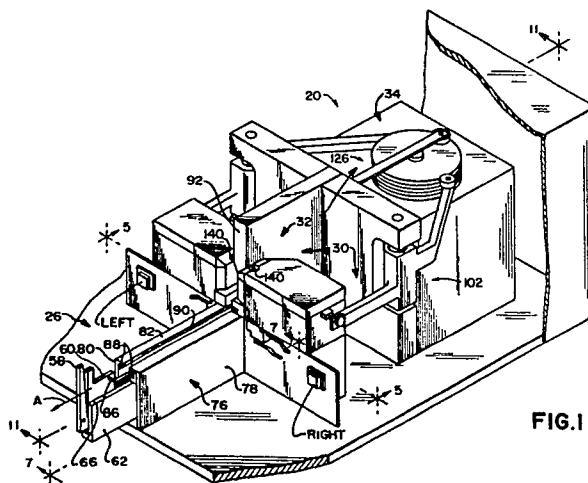
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(54) Semi-automatic electrical harness fabricating apparatus and method.

57) For fabricating an electrical harness (28) (see Fig. 4) including a connector (22) and a plurality of conductors (50), the connector has a plurality of terminals (24) preloaded partially into a housing (36) with a conductor-receiving terminal portion (40) (see Fig. 3) outside of the housing. One or more connectors (22) are manually positioned within a frame (26) of the apparatus. An operational cycle of the electrical harness apparatus begins when a conductor (50) is detected by a switch (146) (see Fig. 5) at a predetermined position within a conductor-guide channel (144) (see Fig. 10). The conductors (50) are sequentially terminated into the terminals (24) outside of the housing (36) and the previously terminated terminals (24) are fully inserted into the housing (36).





EP 88 30 0548

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
Y	US-A-3766622 (AMP INCORPORATED) * column 9, line 24 - column 10, line 18; figures 8-14 *	1-13, 17-18	H01R43/01
A	---	15, 16, 20	
Y	EP-A-154387 (MOLEX INCORPORATED) * page 3, line 5 - page 5, line 11; figures 3, 6a-6d *	1-13, 17-18	
D	& US-A-4590650 ---		
A	US-A-4034472 (TRW INCORPORATED) * column 2, lines 9 - 48; figures 3-5, 10-12 * ---	1-20	
A	EP-A-58854 (BUNKER RAMO CORPORATION) * page 6, line 8 - page 8, line 17; figures 1-5, 8A-8E' * -----	1-20	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			H01R
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 10 OCTOBER 1989	Examiner CRIQUI J.J.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			